M

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

001095

7590

02/25/2005

EXAMINER

NOVARTIS

CORPORATE INTELLECTUAL PROPERTY ONE HEALTH PLAZA 104/3 EAST HANOVER, NJ 07936-1080 GRASER, JENNIFER E

ART UNIT

PAPER NUMBER

1645

DATE MAILED: 02/25/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,681	08/05/2003	Steven Gareth Griffiths	H-32310B	8395

TITLE OF INVENTION: RENIBACTERIUM SALMONINARUM VACCINE

APPLN. TYPE SMALL ENTITY		ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/25/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS OF THE STATE OF TH

CURRENT CORRESPOND		S (Note: Use Block 1 for any	change of address)		Note: A certificate	of mailing can only be used for	or domestic mailings of the
		,	G ,		Fee(s) Transmittal.	of mailing can only be used for This certificate cannot be used:	for any other accompanying
001095	7590	02/25/2005			have its own certific	onal paper, such as an assignment of mailing or transmission.	ent or formal drawing, must
NOVARTIS						Cortificate of Mailing or Trans	emission
- · - · ·	NTELLE	CTUAL PROPER	TY		I hereby certify tha	t this Fee(s) Transmittal is being	g deposited with the United
CORPORATE INTELLECTUAL PROPERTY ONE HEALTH PLAZA 104/3				States Postal Service addressed to the N	ce with sufficient postage for fir Mail Stop ISSUE FEE address	st class mail in an envelope above, or being facsimile	
EAST HANOV					transmitted to the U	t this Fee(s) Transmittal is being the with sufficient postage for fir Mail Stop ISSUE FEE address ISPTO (703) 746-4000, on the control of the sufficient postage for firms.	late indicated below.
	·						(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FI	LING DATE		FIRST NAMED II	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,681		08/05/2003		Steven Gareth	Griffiths	H-32310B	8395
TITLE OF INVENTION	i: RENIBAC	TERIUM SALMONI	NARUM VACO	CINE			
APPLN. TYPE	SM	ALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	•	NO	\$1400)	\$0	\$1400	05/25/2005
EX	CAMINER		ART UN	т	CLASS-SUBCLASS		
GRASE	R, JENNIFE	RE	· 1645		424-234100	_	
	ondence add B/122) attach lication (or "1 02 or more r	ress (or Change of Co ned. Fee Address" Indicatic ecent) attached. Use o	rrespondence	or agents OR (2) the name registered att 2 registered p	s of up to 3 registered par, alternatively, of a single firm (having a orney or agent) and the notatent attorneys or agents are will be printed.	as a member a 2as a member a	
3. ASSIGNEE NAME A	ND RESIDE	ENCE DATA TO BE	PRINTED ON T	THE PATENT (orint or type)		
PLEASE NOTE: Un recordation as set for	less an assig h in 37 CFR	nee is identified belo 3.11. Completion of	w, no assignee this form is NO	data will appear T a substitute for	on the patent. If an ass filing an assignment.	signee is identified below, the d	locument has been filed for
(A) NAME OF ASSI	GNEE		(E	B) RESIDENCE:	(CITY and STATE OR C	COUNTRY)	
Please check the appropr	iate assignee	category or categorie	s (will not be pr	inted on the pate	nt): 🗖 Individual 📮	Corporation or other private gr	oup entity 🚨 Government
4a. The following fee(s)	are enclosed	:	41	. Payment of Fe			
🖵 Issue Fee					he amount of the fee(s) is		
Publication Fee (?	lo small enti	ty discount permitted)		Payment by	credit card. Form PTO-2	038 is attached.	
Advance Order -	# of Copies _			The Director	or is hereby authorized by	y charge the required fee(s), or enclose an extra c	credit any overpayment, to copy of this form).
5. Change in Entity Sta	,	atus indicated above) NTITY status. See 37	CFR 1.27			AALL ENTITY status. See 37 C	·
						ously paid issue fee to the applicate registered attorney or agent; or the	
interest as shown by the	records of th	e United States Patent	and Trademark	Office.	,		
Authorized Signature					Date		
Typed or printed name	e				Registrat	ion No	
Alexandria, Virginia 223	13-1450.					by the public which is to file (an 12 minutes to complete, including comments on the amount of tind Trademark Office, U.S. Dep ESS. SEND TO: Commissioner	
onuer the raperwork Re	auction Act	oi 1995, no persons ar	e required to res	spond to a collec	tion of information unless	s it displays a valid OMB contro	i nuinder.
PTOL-85 (Rev. 12/04)	Approved for	use through 04/30/20	07.	OMB 0651-	0033 U.S. Patent and	Trademark Office; U.S. DEPAR	TMENT OF COMMERCE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/634,681 08/05/2003		Steven Gareth Griffiths	H-32310B	8395		
001095	7590 02/25/2005		EXAM	EXAMINER		
NOVARTIS		GRASER, JENNIFER E				
	INTELLECTUAL PROP I PLAZA 104/3	ART UNIT	PAPER NUMBER			
	VER, NJ 07936-1080	1645				
			DATE MAILED: 02/25/2005			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.